

BRIDGE AND TRACK JACKS

General

A. O. Norton, Inc., is the manufacturer of the Norton Self-Lowering High-Speed Jacks for locomotive and car work, bridge repairs and general lifting purposes, with capacities ranging as high as 100 tons; the Norton Ball-Bearing Ratchet-Screw Jacks, without the self lowering feature, in types designed especially for bridge and wrecking service, for locomotive work and for general lifting work; the Norton General Purpose Jacks, equipped with cone-bearings in place of ball-bearings; and a complete line of track jacks of both the trip and automatic lowering patterns, and in the two capacities commonly used, 10 tons and 15 tons.

A. O. Norton, Inc., was established in 1886 and has thus been engaged for over 35 years in the manufacture of the single item of railway equipment-jacks. Norton jacks have been adopted as a standard tool by 90 per cent of the leading railroads, on which their quick action, along with entire safety and the maximum of reliability, have caused them to be valued highly. The record of Norton jacks under the most exacting conditions has justified the confidence placed in their performance. The maker further fortifies this confidence by an absolute guarantee of the jacks in every respect.

The general office and works of A. O. Norton, Inc., are at Boston, Mass., its Canadian works being at Coaticook, P. Q. Foreign offices are maintained at London, Eng., and Glasgow, Scotland.

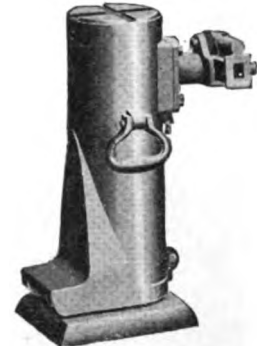
Norton Bridge Jacks

The Norton Jacks of chief importance in maintenance are the ball-bearing ratchet-screw jacks specially designed and constructed for use in bridge work, but applicable also to general lifting as well as wrecking work. The

increased speed is desired, and that on the lower shaft when the full power of the jack is required. These jacks have a total rise of 11 in. The 50-ton bridge jack is made for rises of 9 in. and 12 in. The 15-ton jack has a rise of 10 in., and the 25-ton and 35-ton jacks are made for 10-in. and 13-in. rise. Repair parts for all these jacks may be obtained by giving the number of the part with the style of jack, obtained from its plate.



10-In. Jack
25 Tons



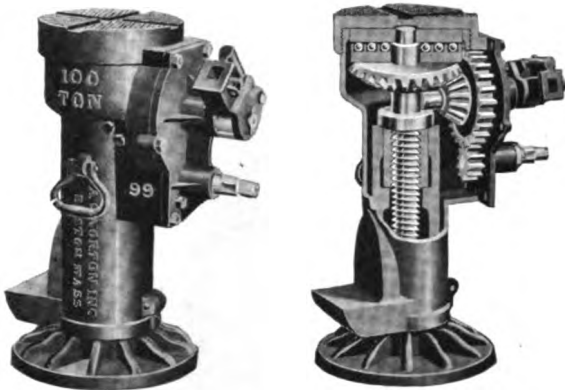
22-In. Bridge Jack
25 Tons

Self-Lowering Trouble-Proof Jacks

An improvement over the original Norton Jack has now been made by which the jacks are actually self-lowering without the use of lever or crank.

By pressing a lowering cam the full load is quickly, easily, and safely lowered without any effort.

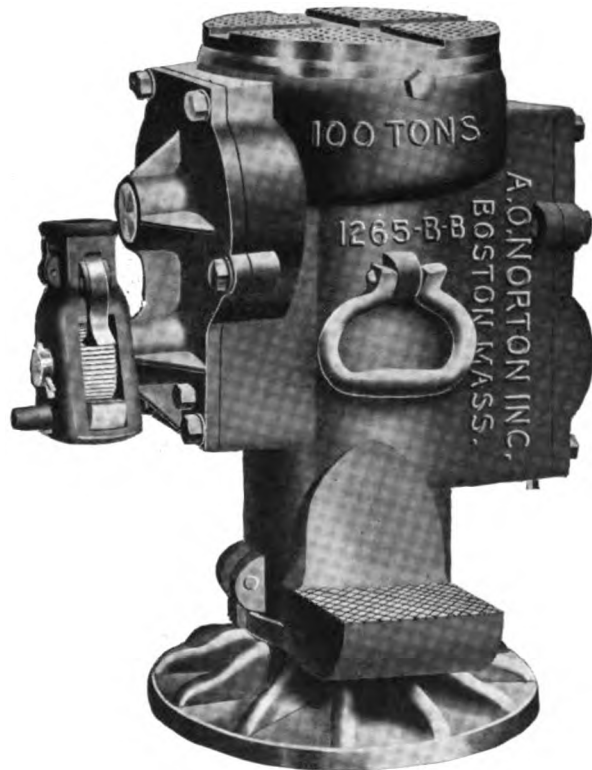
Perfect speed control prevents it from lowering too fast, and makes it absolutely safe. The improved jack is known as Series "BB" and is made in a variety of styles, both plain and with foot-lift, and in capacities from 25 to 100 tons.



Norton Ball Bearing Bridge Jack

Norton ball-bearing jacks have gears of solid steel forgings, machine cut. The gears are kept in perfect adjustment by means of a set screw underneath the cover. This line of jacks is made from the best materials and the indicated capacity is guaranteed. This is always the head lift and no more than half the amount should be raised by the foot in any case.

The jacks of 70- and 100-ton capacity, which are designed for extra-heavy bridge work, are compound geared, the ratchet on the upper shaft being used when raising a light load, 30 to 40 tons, where



Self-Lowering New Series "BB"

A. O. NORTON, INC., BOSTON, MASS.